

SINCLAIR OIL & GAS COMPANY Become Successor
Designated Operator Effective November 26,
1963. Formerly Western Nat. Gas Company.

Approval or Disapproval Letter

Date Completed, P. & A. or
operations suspended

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed

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3-12-57

FILE NOTATIONS

Entered in NID File ✓
Entered On S R Sheet ✓
Location Map Pinned ✓
Card Indexed ✓
IWR for State or Fee Land ✓

Checked by Chief _____
Copy NID to Field Office _____
Approval Letter ✓
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 3-12-57
SI OW ✓ WW _____ TA _____
GW _____ OS _____ PA _____

Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log 1-10-57
Electric Logs (No.) 6
E ✓ I ✓ E-I ✓ GR ✓ GR-N ✓ Micro ✓
Lat ✓ Mi-L ✓ Sonic _____ Others Radiactivity

Western Natural Gas Company

1006 MAIN STREET

Houston 2, Texas

January 14, 1957

ADDRESS CORRESPONDENCE TO
823 MIDLAND TOWER BUILDING
MIDLAND, TEXAS

Re: Location of the Western Natural
Gas Company #9 English
Boundary Butte Field,
San Juan County, Utah

Utah Oil and Gas Conservation Commission
Room 105, Capitol Building
Salt Lake City, Utah

Attention: Mr. Herbert F. Smart

Gentlemen:

We respectfully request your approval of the following unorthodox location for the Western Natural Gas Company et al #9 English in order to obtain the most favorable location possible in respect to the sub-surface for further evaluation of the Paradox "C" zone oil reservoir.

The English #6, which we recently completed as a flowing oil well, is producing from the "C" zone of the Paradox but this zone is not developed in the English #7. Inasmuch as this erratic "C" zone development occurs and we are anxious to maintain a structural position equivalent to the English #6, we therefore, request the following location.

2310' from the North line and 1650' from the East line of Section 16, Township 43 South, Range 22 East, San Juan County, Utah: Being in the Southwest of the Northeast of said section and 1320' due West of the English #6.

Western Natural Gas Company et al own all of the offset acreage to the proposed location for the English #9.

Attached hereto is a licensed surveyors plat of the English #9 location and U.S.G.S. form 9-331b, Notice of Intention to Drill.

Very truly yours,

WESTERN NATURAL GAS COMPANY

Roy C. Jeter

Roy C. Jeter
Division Geologist

*ok
RJE*
RCJ:jh

(SUBMIT IN TRIPLICATE)

	X	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Window Rock, Arizona
Allottee _____
Lease No. I-149-IND-7180

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 15, 19 57

English

Well No. 9 is located 2310 ft. from $\left\{ \begin{smallmatrix} N \\ S \end{smallmatrix} \right\}$ line and 1650 ft. from $\left\{ \begin{smallmatrix} E \\ W \end{smallmatrix} \right\}$ line of sec. 16

SW/4 NE/4 16
(1/4 Sec. and Sec. No.)

43-S
(Twp.)

22-E
(Range)

SLBM
(Meridian)

Boundary Butte
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 4959 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Plan to drill and test Paradox "C" zone (4600') with rotary tools.

Casing Program:

8 5/8" 24# J-55 ST&C @ 300'. Cement with 100 sacks. Cement to circulate.
5 1/2" 14# J-55 ST&C @ 4300'. Cement with 350 sacks mixed 4% gel.

Estimated tops:

Coconino 1190'
Paradox 4000'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company WESTERN NATURAL GAS COMPANY

Address 823 Midland Tower

Midland, Texas

By *Ray C. Jeter*

Title Assistant Division Superintendent

COMPANY Western Natural Gas Co. et al

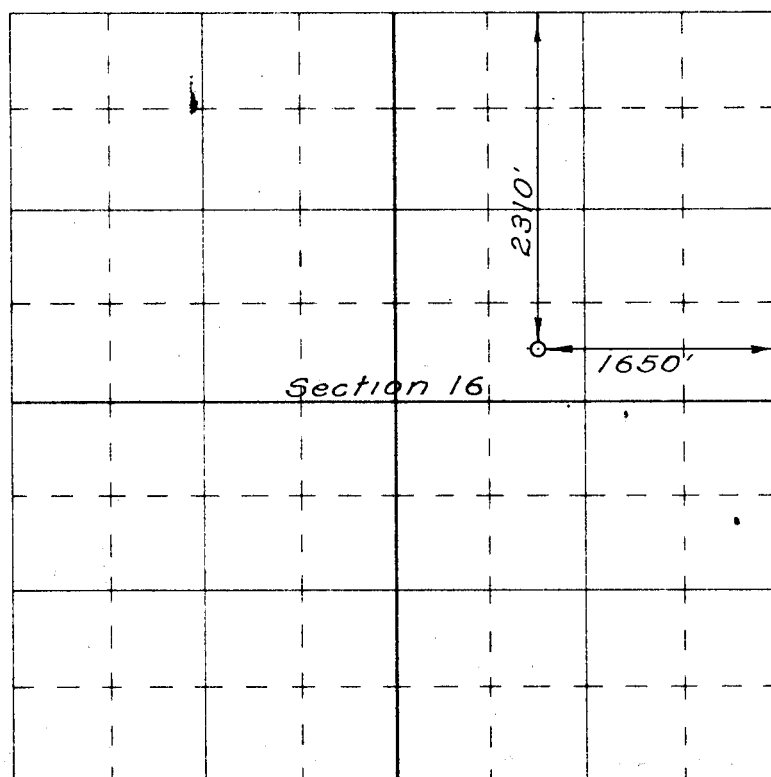
Well Name & No. English No. 9 Lease No. I-149-Ind.7180

Location 2310 ft. from North line 1650 ft from East line

Being in San Juan County Utah

Sec. 16, T43 S., R22 E., Salt Lake Base & Meridian, Utah

Ground Elevation 4949.76 ft.



Scale -- 4 inches equals 1 mile

Surveyed January 13, 19 57

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

C.O. Walker

Registered Professional
Engineer and Land Surveyor.

Seal:

Farmington, New Mexico

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COMPANY WESTERN NATURAL ET. AL.

Well Name & No. ENGLISH NO. 6

Lease No. I-149-IND. 7180

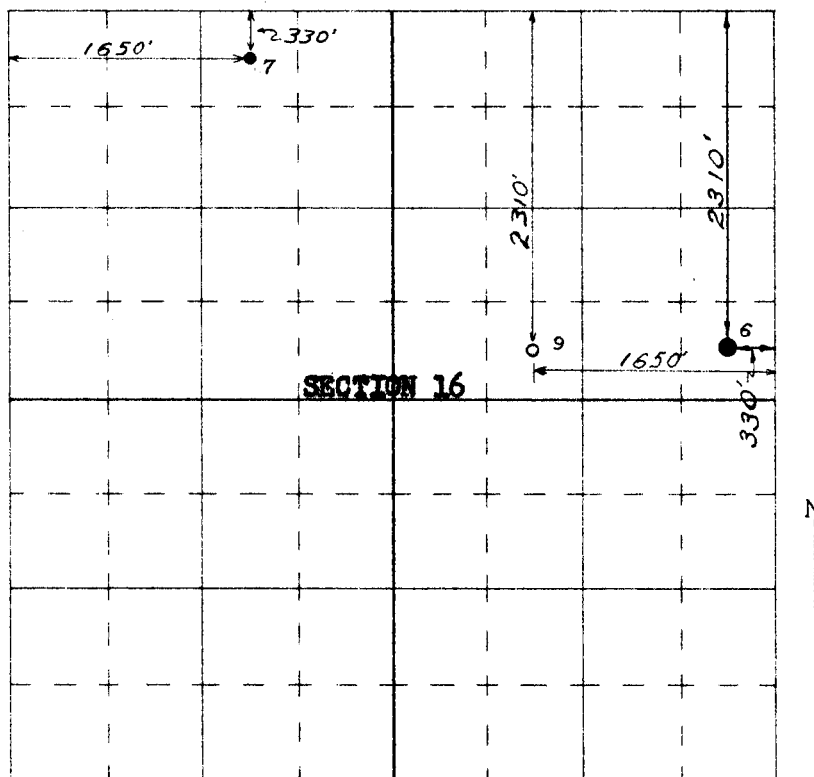
Location 2310 FEET FROM THE NORTH LINE, 330 FEET FROM THE EAST LINE

Being in SE 1/4 OF THE NE 1/4

Sec. 16, T43 S, R22 E., S18M

SAN JUAN COUNTY, UTAH

Ground Elevation 4924.11



Scale -- 4 inches equals 1 mile

Surveyed FEBRUARY 12, 19 56

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Registered Professional
Engineer and Land Surveyor.

Farmington, New Mexico

PLAT SHOWING RELATIONSHIP OF WELLS IN SECTION 16, T-43-S, R-22-E

January 17, 1957

Western Natural Gas Company
823 Midland Tower
Midland, Texas

Attention: Roy C. Jeter

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. English 9, which is to be located 2310 feet from the north line and 1650 feet from the east line of Section 16, Township 43 South, Range 22 East, San Juan County.

Please be advised that insofar as this office is concerned, approval to drill said well on said unorthodox location is hereby granted under Rule C-3(e), General Rules and Regulations and Rules of Practice and Procedure, Oil and Gas Conservation Commission, State of Utah.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
SECRETARY

CBF:cn

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Western Natural Gas Company

1006 MAIN STREET

Houston 2, Texas

February 7, 1957

ADDRESS CORRESPONDENCE TO
823 MIDLAND TOWER BUILDING
MIDLAND, TEXAS

State of Utah
Oil & Gas Conservation Commission
Salt Lake City, Utah

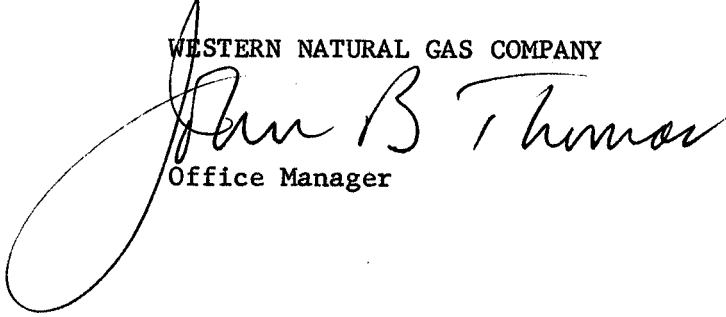
Attention of Mr. Cleon B. Feight, Secretary

Gentlemen:

Enclosed for your files are two copies
of a plat which sets out all resurveyed well
locations in our Boundary Butte Area, San Juan
County, Utah.

Very truly yours,

WESTERN NATURAL GAS COMPANY


Office Manager

JBT:jh

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February 11, 1957

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

Gentlemen:

Thank you for the two copies of a plat setting out all
resurveyed well locations in Boundary Butte, San Juan
County, Utah.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLYDE B. FREIGHT
SECRETARY

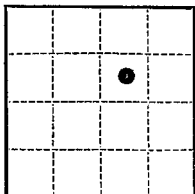
CBF:ca

(SUBMIT IN TRIPLICATE)

Indian Agency

Window Rock, ArizonaUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. I-149-Ind-7180

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Setting Casing</u>	<u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 27, 19 57Well No. English 9 is located 2310 ft. from N line and 1650 ft. from E line of sec. 16SW/4 NE/4 16 43-8 22-E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Boundary Butte San Juan Utah
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is 4959 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

On March 8, 1957 ran 137 joints 4394' of new 5 1/4" casing, being 8 joints 15.54 J-55 EW, 129 joints 144 J-55 Sals, set at 4405' and cemented with 300 sacks neat cement. After WOC 30 hours tested casing with 800# for 30 minutes, held O.K.

On January 24, 1957 ran 312' 7 joints new 8 5/8" 244 N-40 2000# Test ST&C casing set at 321' and cemented with 200 sacks cement mixed 2% calcium chloride, cement circulated. After WOC 24 hours tested casing with 800# for 30 minutes, held O.K.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company WESTERN NATURAL GAS COMPANYAddress 823 Midland TowerMidland, TexasBy John A. ThomasTitle Office Manager

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Western Natural Gas Company

1006 MAIN STREET

Houston 2, Texas

April 1, 1957

ADDRESS CORRESPONDENCE TO
823 MIDLAND TOWER BUILDING
MIDLAND, TEXAS

Mr. Cleon B. Feight, Secretary
Oil & Gas Conservation Commission
Room 105 Capital Building
Salt Lake City, Utah

Dear Mr. Feight:

Enclosed please find one copy of all
logs run on our English #9, SW/4 NE/4, 16-
43S-22E, San Juan County, Utah.

Very truly yours,

WESTERN NATURAL GAS COMPANY

Office Manager

JBT:jh

*Electric, Radioactive
3. 10. 57*

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April 5, 1957

Western Natural Gas Company
1006 Main Street
Houston 2, Texas

Gentlemen:

This is to acknowledge receipt of your electric log and
radioactivity log for your English #9 Well.

Thank you very much..

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

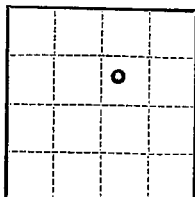
CBF:cn

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(SUBMIT IN TRIPLICATE)

Indian Agency NavajoWindow Rock, ArizonaUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. I-149-Ind-7180

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 2819 57

English

Well No. 9 is located 2310 ft. from [N] line and 1650 ft. from [E] line of sec. 16SW/4 NE/4 16
(¼ Sec. and Sec. No.)43-S
(Twp.)22-E
(Range)SLB&M
(Meridian)Boundary Butte
(Field)San Juan
(County or Subdivision)Utah
(State or Territory)The elevation of the derrick floor above sea level is 4959 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

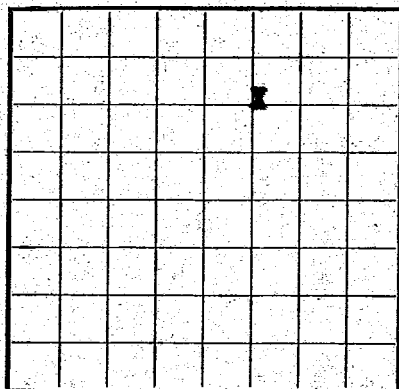
Perforated 5½" casing 4298-4315 with 4 Welex Delta Jet shots per foot. Fraced perforated interval with 17,000 gals Dowell acid-petrofrac and 500 gals mud acid as follows: Spotted 500 gals mud acid down tubing behind petro-frac, let soak, pumped acid away w/gelled petro-frac at 2700 psig & 2 BPM injection rate, started in petro-frac at 3000# with no apparent breakdown. Eased up pressure to 3200# before flush. Flushed with 90 bbls fresh water. Average injection rate 8 BPM at 3000#. Swabbed well in.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company WESTERN NATURAL GAS COMPANYAddress 823 Midland TowerMidland, TexasBy John B. ThomasTitle Office Manager

Form 9-830

U. S. LAND OFFICE
SERIAL NUMBER
1-149-1ND-7180
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Western Natural Gas Company** Address **823 Midland Tower, Midland, Texas**
Lessor or Trust **English** Field **Boundary Butte** State **Utah**
Well No. **2310** Sec. **16** T. **43S** R. **22E** Meridian **1630** E. County **San Juan**
Location **ft. [N.] of [S.]** Line and **ft. [E.] of [W.]** Line of **Sec. 16** Elevation **4959**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date **6-6-57** Signed **[Signature]** Title **Office Manager**

The summary on this page is for the condition of the well at above date
Commenced drilling **1-23-57**, 19 **57** Finished drilling **3-7-57**, 19 **57**

OIL OR GAS SANDS OR ZONES

No. 1, from **G 4140** to **4205** (Denote gas by G) **OGW- 4988**
No. 2, from **OGW 4298** to **4315**
No. 3, from **4205** to **4280**
No. 4, from **4280** to **4606**
No. 5, from **4315** to **4298**
No. 6, from **4298** to **4315**

IMPORTANT WATER SANDS

No. 1, from **4298** to **4315**
No. 2, from **4315** to **4298**
No. 3, from **4298** to **4315**
No. 4, from **4315** to **4298**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	24.8	8	H-40	312'	Guide	-	-	-	Surface
5-1/2	14.25.5	8	J-55	4394'	Float	-	4298	4315	Production
2-3/8	4.9	8	J-55	4310'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	321	200	Pumping Plug		
5-1/2	4405	300	Pumping Plug		

PLUGS AND ADAPTERS

Heaving plug—Material **1/2** Length **1/2** Depth set **1/2**
Adapters—Material **1/2** Size **1/2**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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FOLD MARK

MUDDING AND CEMENTING RECORD

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	321	200	Pumping Plug		
5-1/2	4405	300	Pumping Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5020 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

6-1-57 _____, 1957 _____ Put to producing 3-12-57 _____, 1957 _____

The production for the first 24 hours was 387 barrels of fluid of which 6.977% was oil 93.023% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 41 API

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Charles C. Pickering _____, Driller R. D. Blackledge _____, Driller

R. G. Blackledge _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	580	580	Interbedded sand and shale
580	877	297	" sand, shale and limestone
877	940	63	Sand
940	1720	780	Interbedded sand and shale
1720	1840	120	" sand, shale and limestone
1840	3280	1440	" sand and shale
3280	4950	1670	" limestone and shale
4950	5020 T.D.	70	Shale

2670

[OVER]

10-43064-2

RECORDING RECORD

WELL AND VENDOR

HISTORY OF OIL OR GAS WELL

10-43064-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spud 1-23-57 Drilled 12 1/4" Hole to 321'. Drilled 7-7/8" hole from 321' - 5020'. Drilled out cement in 5-1/2" Casing to 4370'. Completed well in perforated zone 4298-4315.

LOC OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR
UNITED STATES

JUN 10 1957

		X	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Window Rock, Arizona
Allottee _____
Lease No. I-149-Ind-7180

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<u>Acid petrofrac treatment</u>	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 7, 1960

English
Well No. 9 is located 2310 ft. from N line and 1650 ft. from E line of sec. 16
SW/4 NE/4 16 43-S 22-E SLB&M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Boundary Butte San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4959 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set HOWCO DC squeeze retainer in 5½" casing at 4256'. Squeezed cemented old perforations of 4298-4315 feet with 175 sx neat cement and 3/4 sx of flocele at 3800 psig squeeze pressure. PBTD = 4251 feet. Perforated following intervals with four jet shots per foot: 4230-34; 4220-28; 4164-78; 4154-60; 4142-46 feet. Landed 135 joints of 2" EUE tubing at 4233 feet (KB meas.) Dowell, Inc. fraced with 2000 gallons XF acid and 20,000 gallons APF as follows: Pumped at 2000 psig at 15 BPM - fraced at 2400 psig and 26.7 BPM rate - flushed with 110 barrels fresh water. Stabilized AOF is 1610 MCF/day.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company WESTERN NATURAL GAS COMPANY

Address 823 Midland Tower

Midland, Texas

By W. L. B. Cook

Title Division Petroleum Engineer

Western Natural Gas Company

823 MIDLAND TOWER BLDG.

Midland, Texas

June 13, 1960

United States Geological Survey
P. O. Box 965
Farmington, New Mexico

Gentlemen:

We are enclosing four (4) copies of Form 9-331-b and two (2) copies of AOF as calculated by El Paso Natural Gas Company, Farmington, New Mexico on the Western Natural Gas Company #9 English in San Juan County, Utah.

Very truly yours,

WESTERN NATURAL GAS COMPANY

W. E. Cook
Division Engineer

WBC:jfh

cc: P. C. Wright
Paul Verner

State of Utah Oil & Gas Conservation Commission (2 copies) ✓
Salt Lake City 14, Utah

Three States Natural Gas Company
19th Floor, Corrigan Tower
Dallas, Texas

San Jacinto Petroleum Company
800 San Jacinto Building
Houston, Texas

EL PASO NATURAL GAS COMPANY

Memorandum

To: Mr. Ed E. Alsop

From: Gas-Production Engineering

Date: May 26, 1960

Place: Farmington, New Mexico

Re: Back Pressure Test Data on the Western Natural Gas Company well, English No. 9, San Juan County, Utah.

Location: 2310N, 1650E of Sec. 16-43S-22E

Shut-In Pressure: Shut-In 24 days; Casing - 1202 psig
Tubing - 1202 psig

The absolute open flow was determined by calculating and plotting a Bottom-Hole Curve from the following data:

	<u>Point 1</u>	<u>Point 2</u>	<u>Point 3</u>
Orifice	3/16"	7/32"	1/4"
Flow String	Tubing	Tubing	Tubing
Flow Rate, MCF/D	832	1038	1176
Orifice Pressure	1017 psig	922 psig	811 psig
Working Pressure	1030 psig	932 psig	824 psig
Flow Time, Hrs.	12-1/2	10-3/4	16-1/2

Producing Formation: Upper Paradox (Sour to Lead Acetate)

W. D. Dawson
W. D. Dawson
Gas Engineer *By T.B.*

WDD/nb

cc: Wendell Cook (8)
Art Hill
R. F. Lemon
File

BACK PRESSURE CURVE

The back pressure curve was plotted on log-log paper from the following data:

<u>Point</u>	<u>$P_f^2 - P_s^2$</u>	<u>Q</u>
1	508	832
2	763	1038
3	1011	1176

Where P_f = Calculated Bottom Hole Pressure, Psia
 P_s = Calculated Sand Face Pressure, Psia
 Q = Orifice Volume, MCF/D

TUBING POTENTIAL CURVE

The cut off point for the tubing potential curve was plotted on log-log paper from the following data:

<u>Point</u>	<u>$P_f^2 - (P_p e^{KS})^2$</u>	<u>Q</u>
1	543	832
2	786	1038
3	1039	1176

Where P_p = Prover Pressure - Psia
 e^{KS} = Constant Calculated for each rate of flow.

See graph with back pressure curve for tubing cut off curves.

2

ENGLISH NO. 9

The tubing potential curve was plotted on rectangular coordinate paper with the following data:

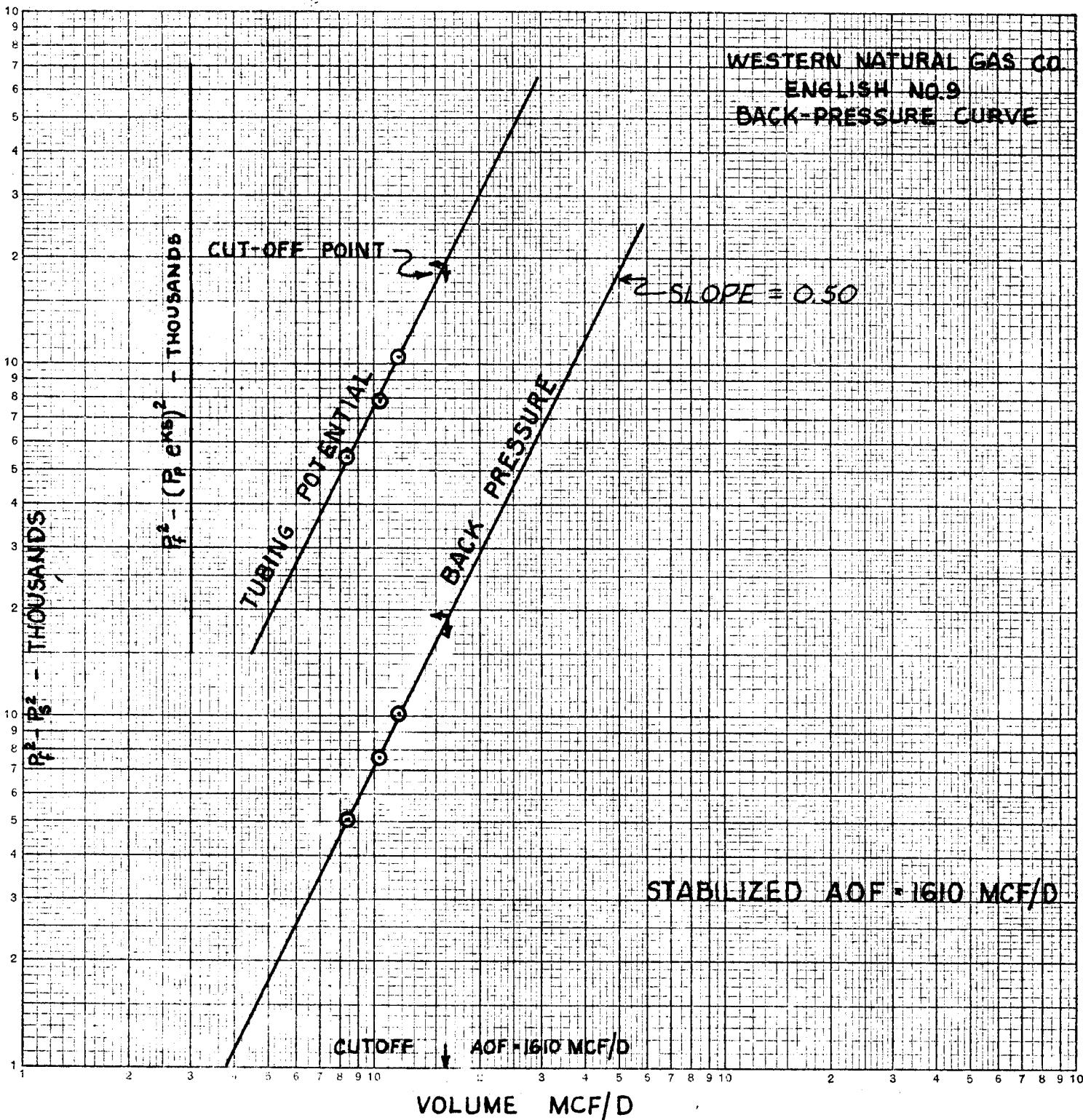
<u>Point</u>	<u>P_t</u>	<u>Q</u>
1	1214	0
2	1029	832
3	934	1038
4	823	1176
5	0	1610

Where P_t = Well head tubing pressure, Psia

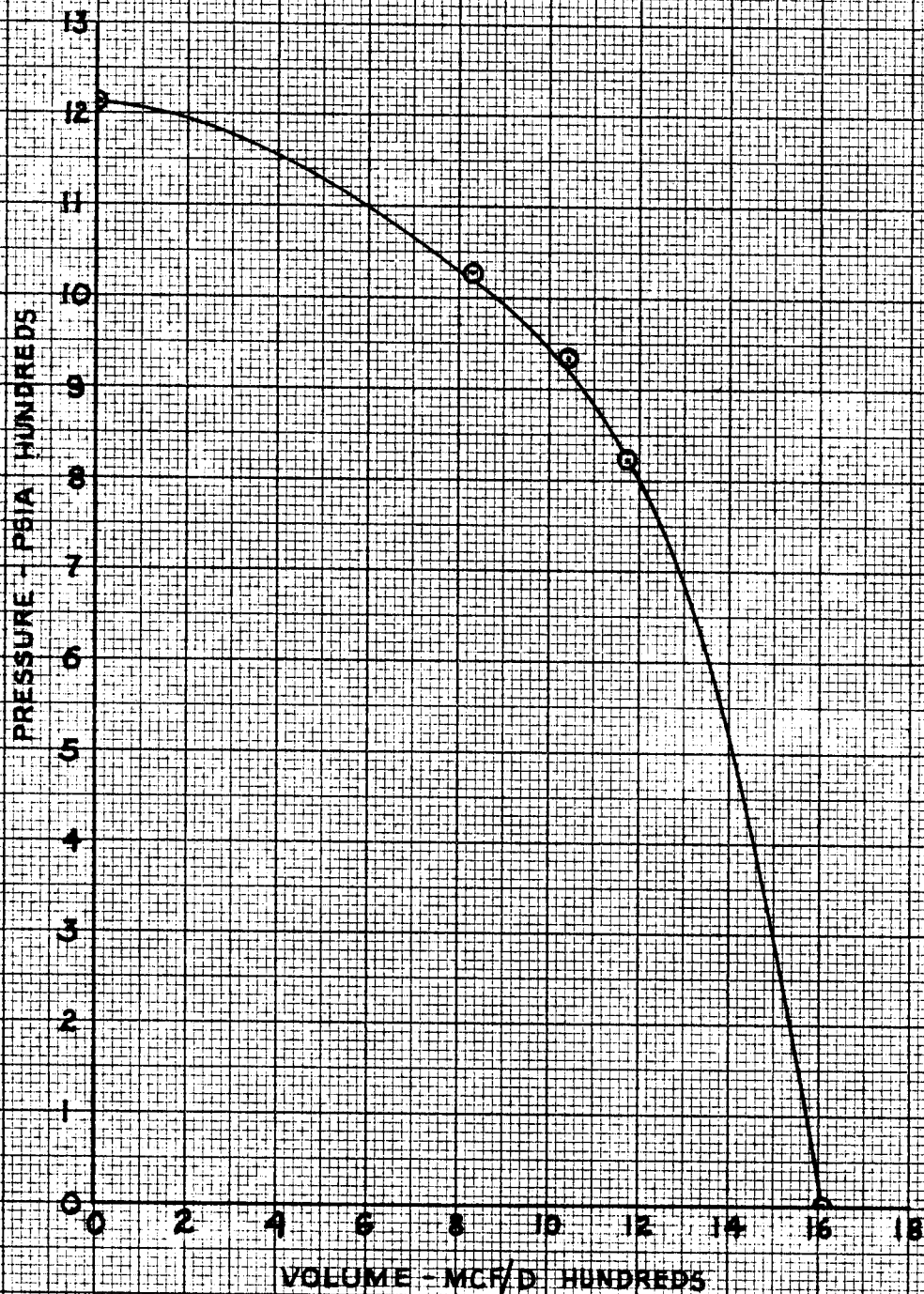
The volume that the well will produce through the tubing at any given tubing pressure can be read directly off the tubing potential curve.

During the test true stabilization was never reached. However, it has been observed that stabilization has never been attained on any of the wells which have been back pressure tested in the Boundary Butte Area.

9



ENGLISH No. 9 TUBING POTENTIAL



DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: **Window Rock, Arizona**
SERIAL NO.: **I-149-Ind-7180**

and hereby designates

NAME: **Sinclair Oil & Gas Company**
ADDRESS: **601 Denver Club, Denver, Colo.**

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

English-48

49

Located: Sec 16, T-43-S, R-22-E, S1&M, San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

Formerly: Western Natural Gas Company Lease
Effective November 26, 1963.


(Signature of lessee)

Western Natural Gas Company
823 Midland Tower
Midland, Texas
(Address)

November 26, 1963
(Date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R366.6
Approval expires 12-31-60.

Las Cruces
LEASE NUMBER I-149-Ind 7180
UNIT English Lease

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Boundary Butte

The following is a correct report of operations and production (including drilling and producing wells) for the month of April August, 1965, English Lease

Agent's address 501 Lincoln Tower Building Company Sinclair Oil & Gas Company
Denver, Colorado, 80203

Phone 266-2460 Signed Ted C. Boyer
Agent's title Admin. Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NW 22	43	22	1	—	—	—	—	—	—	
NE SW 22	43	22	2	31	79	34.6	—	—	—	
SE NW 22	43	22	4	31	79	34.6	—	—	—	
SE NW 22	43	22	5	—	—	—	—	—	—	
SE NE 16	43	22	6	—	—	—	—	—	—	
NE NW 16	43	22	7	—	—	—	—	—	—	
* SW NE 22	43	22	8	31	354	34.6	—	—	—	
SW NE 16	43	22	9	19	—	—	12525	—	—	first delivery 8-13-65
SE NE 21	43	22	10	23	—	—	36993	—	—	
NE NW 26	43	22	11	26	—	—	2422	—	—	

NOTE.—There were 396 runs or sales of oil; 51940 M cu. ft. of gas sold;
None runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Caller Service 4104
Farmington, New Mexico 87499

IN REPLY REFER TO:
3100 (016)
I-149-IND-7180

MAR 26 1985

CERTIFIED—RETURN RECEIPT REQUESTED

Arco Oil and Gas Company
Production - Rocky Mountain District
Attn: Keith Angel
P. O. Box 2197
Farmington, NM 87499

RECEIVED
J. E. TAYLOR
FARMINGTON
DATE MAR 27, 1985

Dear Mr. Angel:

Our records indicate that you are the operator of the following well on Lease No. I-149-IND-7180:

<u>Well No.</u>	<u>Location</u>	<u>Date of Last Production</u>
- No. 26 English	NESW, sec. 16, T. 43 S., R. 22 E.	January 1982
No. 6 English	SENE, sec. 16, T. 43 S., R. 22 E.	January 1982
No. 7 English	NENW, sec. 16, T. 43 S., R. 22 E.	January 1982
- No. 31 English	NENE, sec. 21, T. 43 S., R. 22 E.	January 1982
- No. 2 English	NESW, sec. 22, T. 43 S., R. 22 E.	January 1982
- No. 36 English	NESW, sec. 22, T. 43 S., R. 22 E.	August 1983
- No. 4 English	SENE, sec. 22, T. 43 S., R. 22 E.	January 1982
- No. 5 English	SENE, sec. 22, T. 43 S., R. 22 E.	January 1982
- No. 8 English	SWNE, sec. 22, T. 43 S., R. 22 E.	January 1982
No. 37 English	SWSE, sec. 22, T. 43 S., R. 22 E.	February 1983
No. 11 English	NENW, sec. 26, T. 43 S., R. 22 E.	January 1982
<u>No. 9 English</u>	SWNE, sec. 16, T. 43 S., R. 22 E.	January 1982

Title 43 CFR Section 3162.3-4 requires that the lessee shall promptly plug and abandon, condition as a service well, or condition as a water well, any well on a lease that is not used or useful for the purpose of the lease. Accordingly, you are required to advise this office within 30 days of the date of this letter, by Sundry Notice of your intent to perform one of the following:

1. Condition the well to a useful function.
2. Temporarily abandon the well.
3. Permanently plug and abandon the well.

Any temporary abandonment request must include the following:

1. Justification of the reason the well should be temporarily abandoned rather than permanently plugged and abandoned. A WELL MAY NOT BE TEMPORARILY ABANDONED FOR MORE THAN 12 MONTHS.
2. A complete record of perforations in the well casing.
3. Provide for the installation of a bridge plug or a cement plug no more than 50 feet above each set of open perforations and the well bore filled with conditioned, non-corrosive fluid and shut-in at the surface. If a bridge plug is used, it must be capped with cement. The cement cap must be the greater of 35 feet or five sacks of cement if placed by dump bailer or, 25 sacks if spotted by tubing. If a cement plug is used it must be the greater of 100 feet or 25 sacks of cement.
4. Rehabilitation of the surface must be performed on all disturbed surface except for that necessary to service the well.
5. The anticipated date the operations will occur. Albert Gonzales, Petroleum Engineering Technician, MUST BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO COMMENCING ANY ABANDONMENT SO THAT THE OPERATIONS CAN BE WITNESSED.

Any request for permanent plugging and abandonment must include the following:

1. The reason that the well should be permanently plugged and abandoned.
2. A plugging program to isolate and protect subsurface zones, other minerals and water zones.
3. The anticipated date the plugging will occur. Albert Gonzales, Petroleum Engineering Technician, MUST BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO COMMENCING ANY ABANDONMENT SO THAT THE PLUGGING CAN BE WITNESSED.

Failure to file a Sundry Notice providing the information requested above within 30 days of the date of this letter will result in an automatic assessment of \$250 pursuant to 43 CFR 3163.3(a), and Civil Penalties pursuant to 43 CFR 3163.4-1.

You are further advised that any instructions, orders and decisions issued by the Bureau of Land Management are subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

Sincerely yours,


Area Manager



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Caller Service 4104
Farmington, New Mexico 87499

IN REPLY REFER TO:
3100 (016)
I-149-IND-7180

MAR 26 1985

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Arco Oil and Gas Company
Production - Rocky Mountain District
Attn: Keith Angel
P. O. Box 2197
Farmington, NM 87499

RECEIVED
J. E. TAYLOR
FARMINGTON
DATE MAR 27 1985

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- No. 2 English	NESW, sec. 22, T. 43 S., R. 22 E.	January 1982
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- No. 8 English	SWNE, sec. 22, T. 43 S., R. 22 E.	January 1982
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2. Temporarily abandon the well.
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2. A complete record of perforations in the well casing.

3. Provide for the installation of a bridge plug or a cement plug no more than 50 feet above each set of open perforations and the well bore filled with conditioned, non-corrosive fluid and shut-in at the surface. If a bridge plug is used, it must be capped with cement. The cement cap must be the greater of 35 feet or five sacks of cement if placed by dump bailer or, 25 sacks if spotted by tubing. If a cement plug is used it must be the greater of 100 feet or 25 sacks of cement.

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You are further advised that any instructions, orders and decisions issued by the Bureau of Land Management are subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

Sincerely yours,


Area Manager

ARCO Oil and Gas Company
Rocky Mountain District
707 Seventeenth Street
Mailing address: P.O. Box 5540
Denver, Colorado 80217
Telephone 303 293 7031

L. B. Morse
Operations Manager



CERTIFIED MAIL
RETURN RECEIPT REQUESTED

April 1, 1985

Mr. John S. McKee
Assistant Area Manager
United States Dept. of Interior
Office of the Secretary
Minerals Management Service
Drawer 600
Farmington, New Mexico 87401

Re: Letter of March 26, 1985
Requesting T/A, P/A, or Restoring Production
of 12 Wells, Lease No. I-149-IND-7180
Navajo Tribe, San Juan County, Utah

Dear Mr. McKee:

Your letter of March 26, 1985, requested Sundry Notices describing plans for the subject wells in your attached letter. This letter will summarize our plans for all of these wells including seven of the wells in which the Sundry Notices are attached. Each of the 12 specified wells is completed in the shallow Coconino sandstone or the deeper Paradox limestone, as indicated below.

Zones of Completion

<u>Coconino Sandstone</u>	<u>Paradox Limestone</u>
English #2	English #1 9
English #4	English #6
English #5	English #7
English #8	English #10 37
English #26	English #11
English #31	
English #36	

We plan on plugging and abandoning the Coconino wells listed above. These wells have watered out due to a strong water drive. No workover or recompletion possibilities exist.

Lease No. I-149-IND-7180


April 1, 1985

Page Two

The Paradox wells are all shut-in due to the lack of a gas market at this time. The gas from the Paradox formation is sour. El Paso Natural Gas, whose pipeline services the English lease, does not currently have the capacity in their sweetening plant to condition this gas. However, they reportedly are in the process of increasing the plant capacity and ARCO's Gas Contract Department is working to secure a share of this plant expansion, which is scheduled to occur sometime in 1986. These five wells have behind-pipe reserves in various members of the Paradox formation, and the P&A of these wells would promote economic waste and loss of reserves.

If you have any questions concerning this matter, please contact Dianne Calogero (303) 293-7085.

Very truly yours,

 FOR L. B. MORSE

L. B. Morse
Operations Manager

LBM:DBC:sh

Attachments

ARCO Oil and Gas Company
Rocky Mountain District
707 Seventeenth Street
Mailing address: P.O. Box 5540
Denver, Colorado 80217
Telephone 303 293 7031

L. B. Morse
Operations Manager



CERTIFIED MAIL
RETURN RECEIPT REQUESTED

April 1, 1985

Mr. John S. McKee
Assistant Area Manager
United States Dept. of Interior
Office of the Secretary
Minerals Management Service
Drawer 600
Farmington, New Mexico 87401

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of 12 Wells, Lease No. I-149-IND-7180
Navajo Tribe, San Juan County, Utah

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Zones of Completion

<u>Coconino Sandstone</u>	<u>Paradox Limestone</u>
English #2	English #19
English #4	English #6
English #5	English #7
English #8	English #10 37
English #26	English #11
English #31	
English #36	

We plan on plugging and abandoning the Coconino wells listed above. These wells have watered out due to a strong water drive. No workover or recompletion possibilities exist.

Lease No. I-149-IND-7180

April 1, 1985

Page Two

The Paradox wells are all shut-in due to the lack of a gas market at this time. The gas from the Paradox formation is sour. El Paso Natural Gas, whose pipeline services the English lease, does not currently have the capacity in their sweetening plant to condition this gas. However, they reportedly are in the process of increasing the plant capacity and ARCO's Gas Contract Department is working to secure a share of this plant expansion, which is scheduled to occur sometime in 1986. These five wells have behind-pipe reserves in various members of the Paradox formation, and the P&A of these wells would promote economic waste and loss of reserves.

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Very truly yours,

 FOR L.B. MORSE

L. B. Morse
Operations Manager

LBM:DBC:sh

Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
10 copies of this form
with the permit

Form approved.
Budget: Bureau No. 1004-0135
Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.

I-149-Ind-7180

3. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

English Unit

8. FARM OR LEASE NAME

English WN

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Boundary Butte

11. SEC. T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 16-T43S-R22E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WEAPR 25 1985

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL ☐ GAS ☐ SI ☒ OTHER ☐
WELL ☐ WELL ☐ WELL ☒

DIVISION OF OIL
GAS & MINING

2. NAME OF OPERATOR ARCO Oil and Gas Company, Division of
Atlantic Richfield Company

3. ADDRESS OF OPERATOR 707-17th Street,
P.O. Box 5540, Denver, CO 80217

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

2310' FNL & 1650' FEL, Sec. 16

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, AT, OR, ETC.)

API #-None

4959, GL

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

SHOOT OR ACIDIZE ☐

ABANDON* ☐

REPAIR WELL ☐

CHANGE PLANS ☐

(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT* ☐

(Other) Shut in-Pending Gas Market ☒

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones per-
tinent to this work.)

This well was completed in the Paradox formation in March 1957. It was
shut-in in January, 1974, waiting on gas market.

This Paradox well is shut-in due to the lack of a gas market at this time.
The gas from the Paradox formation is sour. El Paso Natural Gas, whose
pipeline services the English Lease, does not currently have the capacity in
their sweetening plant to condition this gas. ARCO is working towards secur-
ing a share of El Paso's expanded plant capacity, scheduled for sometime in
1986.

This well has behind-pipe reserves in various members of the Paradox format-
ion. P&A of this well would only promote economic waste and loss of reserves.

18. I hereby certify that the foregoing is true and correct

SIGNED

Stephen Rose
S. C. ROSE

BRS/200

TITLE Dist. Prod. Sup't.

DATE April 19, 1985

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY:

*See Instructions on Reverse Side

031103

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Change of Operator		5. LEASE DESIGNATION AND SERIAL NO. 1-149-Ind-7180	
2. NAME OF OPERATOR Present Operator ARCO Oil and Gas Company, a Division of Atlantic Richfield Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Box 1610 - Midland, Texas 79702		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SE SW NE Section 16-T43S-R22E 2310 FNL 1650 FEL		8. FARM OR LEASE NAME English WN	
14. PERMIT NO.		9. WELL NO. 9	
15. ELEVATIONS (Show whether of, ft., in., etc.) GL 4959		10. FIELD AND FOOT, OR WILDCAT Boundary Butte	
		11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA Section 16-T43S-R22E	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) Change of OperatorPULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion or well completion or recompletion report and log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The parties listed below wish to notify this Commission of the change of operator for the well described above

From: ARCO Oil and Gas Company, a Division of Atlantic Richfield Company
P. O. Box 1610
Midland, Texas 79702

To: Hondo Oil & Gas Company
P.O. Box 2208
Roswell, New Mexico 88202

API No.: 430371598
43-037-15918

RECEIVED
MAR 09 1987

DIVISION OF
OIL, GAS & MINING

Effective Date: January 1, 1987

18. I hereby certify that the foregoing is true and correct

SIGNED

J. K. Thompson

TITLE

J. K. THOMPSON
Attorney-in-Fact

DATE

FEB 27 1987

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ENTITY IDENTIFICATION

All oil and gas wells operated by Hondo are identified under one reporting entity number. For a single entity to exist, all wells should have a common operator, common ownership, and a common producing zone. Since the oil wells produce from the Coconino Sandstone formation and the gas wells produce from the Paradox formation, two reporting entities should exist.

RECOMMENDATION

A new reporting entity for gas wells producing from the Paradox formation should be utilized for future reporting. As a courtesy to Hondo, entity 10995 has been established for the Paradox formation, and the Division will transfer previously reported Paradox production to this entity effective March 1, 1989.

WELLS INVOLVED

English #1	43-037-15911	43S	22E	Sec. 22	Entity 525 to 10995
English #6	43-037-15915	43S	22E	Sec. 16	Entity 525 to 10995
English #7	43-037-15916	43S	22E	Sec. 16	Entity 525 to 10995
English #9	43-037-15918	43S	22E	Sec. 16	Entity 525 to 10995
English #10	43-037-15919	43S	22E	Sec. 21	Entity 525 to 10995
English #11	43-037-15920	43S	22E	Sec. 26	Entity 525 to 10995
English #37	43-037-30805	43S	22E	Sec. 22	Entity 525 to 10995

Change made July 20, 1989, effective March 1, 1989. The only well that produced in 1989 is the English #37, all other wells have been in a shut-in status.

Brought to my attention by Ralph Aiello, changes made per Division recommendation.

Lisha Romero/Administrative Analyst

Page 2 of 2

Operator name and address:

Amended Report ☐

Comments (attach separate sheet if necessary) _____

Authorized signature _____ Telephone _____

MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET
ROSWELL, NEW MEXICO
88201

June 19, 1992

Utah State Tax Commission
160 East Third South
Salt Lake City, Utah 84134

Re: Field Number : 305
Field Name: Boundary Butte
San Juan County, Utah

Dear Sir;

Please be advised that Mountain States Petroleum Corporation has acquired the interest of Hondo Oil & Gas Company, Post Office Box 2208, Roswell, N.M., 88202-2208, in the captioned property.

As operator, Mountain States will be filing and remitting Oil and Gas Severance Tax, Mineral Production Withholding Tax and Oil and Gas Conservation Tax for this property to the State of Utah. It is our understanding that these taxes are remitted quarterly. Hondo has filed and remitted for the 1st quarter of this year. Mountain States will begin filing and remitting with the 2nd quarter.

Please furnish this office at Post Office Box 1936, Roswell, New Mexico, 88202-1936, attention Judy Burkhart, all necessary forms, coupon books, reports and instructions that are applicable. Mountain States Petroleum Corporation's Tax I.D. number is 85-0204476. If you are in need of anything further in this matter please contact the undersigned at (505) 623-7184. Thank you.

Sincerely,

Judy Burkhart
Judy Burkhart,
Secretary

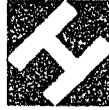
0 N217800643

Hondo Oil & Gas Company

Box 2208

Roswell, New Mexico 88202

(505) 625-8700



REC'D USTC P.B.
JUN 25 1992

June 23, 1992

Utah State Tax Commission
160 East 300 South
Salt Lake City UT 84134-0410

Re: Utah Severance Tax
Return TC-801
Hondo Oil & Gas Company
N5025

Gentlemen:

The Second Quarter taxes due to be paid September 1, 1992 for the English that Hondo Oil & Gas Company has been remitting will be paid by Mountain States Petroleum.

Mountain States Petroleum purchased the English lease effective February, 1992. Please write to them if you need further documentation to record this change of responsibility with your office.

Please direct any and all future correspondence regarding the English to:

Mountain States Petroleum
PO Box 1936
Roswell NM 88202-1936

Sincerely,

Toni Reeves

Toni Reeves

/drs

copy: Mountain States Petroleum

MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET
ROSWELL, NEW MEXICO
88201

June 26, 1992

Utah State Tax Commission
160 East Third South
Salt Lake City, Utah 84134

Re: Identification Number
Request for New Application

Gentlemen:

Please refer to Mountain States Petroleum Corporation's letter dated June 19, 1992, and Hondo Oil & Gas Company's letter dated June 23, 1992, relative to the change in ownership of the English lease and wells located in San Juan County, Utah.

Please furnish Mountain States with an identification number or application for the same in order that we may successfully file and pay the Second Quarter taxes which will be coming due for this property.

Please direct your reply or any questions you may have concerning this matter to the undersigned at Post Office Box 1936, Roswell, New Mexico, 88202-1936 or (505) 623-7184. Thank you.

Sincerely,



Judy Burkhart,
Secretary

Enclosures: 2
Attachment

RECEIVED

JUL 28 1992

DIVISION OF
OIL GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. I149IND7180
2. NAME OF OPERATOR Hondo Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 2208, Roswell, NM 88202		7. UNIT AGREEMENT NAME English Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2310' FNL & 1650' FEL		8. FARM OR LEASE NAME English WN
14. PERMIT NO. 43-037-15918		9. WELL NO. 9
15. ELEVATIONS (Show whether OF, AT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Boundary Butte
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 16-T43S-R22E
		12. COUNTY OR PARISH San Juan
		13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(Other) Change of Operator ☒

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change of Operator from:

Hondo Oil & Gas Company
P. O. Box 2208
Roswell, NM 88202

TO:

Mountain States Petroleum Corporation
213 E. Fourth Street
Roswell, NM 88201

RECEIVED

AUG 06 1992

DIVISION OF

EFFECTIVE DATE: 2/1/92

ACTUAL FIELD OPERATIONS BY MOUNTAIN STATES PETROLEUM CORPORATION BEGAN 6/1/92

18. I hereby certify that the foregoing is true and correct Signed: [Signature], President 5/27/92
SIGNED [Signature] TITLE Vice President DATE 5-26-92

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET
ROSWELL, NEW MEXICO
88201

July 31, 1992

State of Utah
Department of Natural Resources
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Leisha Romero,
Division of Oil, Gas and Mining

Re: Change of Operator
Boundary Butte/English wells
San Juan County, Utah

Dear Ms. Romero,

Pursuant to our telephone conversation this morning, please find enclosed one Sundry Notice for each well affected by the Change of Operator from Hondo Oil & Gas Company to Mountain States Petroleum Corporation.

As we discussed, after you receive these papers and assign Mountain States Petroleum Corporation an account number you will call our office and advise us of the number so that we can use it to submit our monthly production reports.

If you are in need of anything further in this matter please let me know. Thank you for all of your assistance with this transfer.

Sincerely,

Judy Burkhart
Judy Burkhart,
Secretary

Enclosures

RECEIVED

AUG 06 1992

**DIVISION OF
OIL GAS & MINING**



THE NAVAJO NATION

P.O. BOX 308 • WINDOW ROCK, ARIZONA 86515 • (602) 871-4941

PETERSON ZAH
PRESIDENT

MARSHALL PLUMMER
VICE PRESIDENT

August 20, 1992

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Paul Slayton
Mountain States Petroleum Corporation
213 East Fourth Street
Roswell, New Mexico 88201

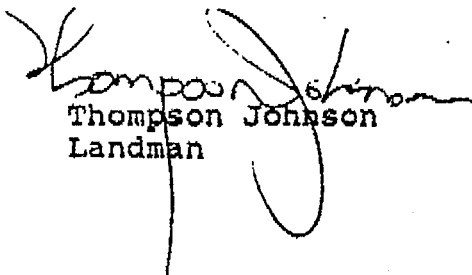
Dear Mr. Slayton:

Enclosed please find an approved copy of the Navajo Nation's Assignment of Mining Lease form for oil and gas lease number I-149-IND-7180.

If you have any questions, please do not hesitate to call our office at (602) 871-6587.

Sincerely,

MINERALS DEPARTMENT


Thompson Johnson
Landman

Enclosure

THE NAVAJO NATION
MINERALS DEPARTMENT
DIVISION OF RESOURCES

MAY 11 1992
Minerals Department
Navajo Nation

ASSIGNMENT OF MINING LEASE
Part I

Lease No. T-149-IND-7180

1. Date the original mining lease was approved by the Department of the Interior: _____

Dated: June 24, 1946 Approved: August 30, 1946

2. Primary Term: Ten (10) Years Royalty Rate: 12.5%

3. Lessee: Byrd-Frost, Inc.

4. Description of the land being assigned: S/2 of Section 8; S/2 of Section 15; All of
Sections 16, 17, 21, 22, 23, 26, 27, 35 & 36, T-43-S, R-22-E; and All of
Section 31, T-43-S, R-23-E, Salt Lake Meridian, San Juan County, Utah

5. Assignor: Hondo Oil & Gas Company

6. Assignee: Mountain States Petroleum Corporation

7. Portion of the rights/title under transfer: All of Hondo Oil & Gas Company's right, title
and interest, being an undivided 50% interest.

8. Reserved overriding royalties: None

9. Previous assignees and portion of the rights/title transferred and overriding royalties: _____

(1) Byrd-Frost, Inc. to Paul B. English - an undivided 25% interest (12-03-46)

(2) Byrd-Frost, Inc. to Western Natural Gas Company - an undivided 37.5%
interest (6-02-47)

(3) Paul B. English to Western Natural Gas Company - an undivided 12.5%
interest (6-03-47)

(4) Western Natural Gas Company to *Sinclair Oil & Gas Company - an undivided
50% interest (11-23-63)

*Atlantic Richfield Company being successor in interest to Sinclair Oil &
Gas Company by virtue of merger in 1969

If there were more than four (4) previous Assignees, please use continuation form(s)

The Assignee shall furnish to the lessor (The Navajo Nation, Attention: Minerals Department P.O. Box 146, Window Rock, AZ 86515), copies of all reports filed with the Minerals Management Service and the Bureau of Land Management subsequent to federal laws and regulations, when filed. The Assignee shall furnish also all oil and gas sale tickets, copies of drill stem tests, pressure tests, core analyses, seismic data and any other information required by the Minerals Department for this lease.

Mountain States Petroleum Corporation

By: Rosevelt
ASSIGNEE'S SIGNATURE

5-15-92

Date

MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET
ROSWELL, NEW MEXICO
88201

October 21, 1992

RECEIVED

OCT 22 1992

State of Utah
Natural Resources
Oil, Gas, & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Ms. Vicky Corney

DIVISION OF
OIL GAS & MINING

Re: Form DOGM 56-64-21 for Hondo Oil & Gas Co. Roswell, N M.

Dear Vicky:

Please find enclosed copies of the above referenced forms made out to Hondo Oil & Gas Co. These properties have been sold to Mountain States Petroleum Corp., and we have been making reports on said properties since June 1992. Mountain States Petroleum Corp.'s Account Number is 9500.

Please check and see if this has all been changed over to Mountain States Petro. Corp.

Thank you for your help in this matter.

Very truly yours,


Ruby Wickersham

RLW/ms

Enclosures

P.O. BOX 1936

505 623-7184

MOUNTAIN STATES PETROLEUM CORPORATION

219 EAST FOURTH STREET
ROSWELL, NEW MEXICO
88201

October 29, 1992

Utah Department of Natural Resources
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84130-1203

Attention: Lisha Romero - FAX # 801-359-3940

Re: Boundary Butte Field
English Lease - Navajo Nation I-149-IND-7180

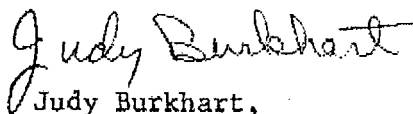
Dear Ms. Romero,

Pursuant to our telephone conversations this date I am faxing you a copy of the assignment of mining lease approved by the Navajo Nation.

As we discussed, all of the English wells are located on this one Indian lease and this copy should allow you to change your records to show that Mountain States Petroleum Corporation took over as operator in June of this year.

If you are in need of anything further in this matter please let me know. Thank you for all of your assistance with this transfer.

Sincerely,



Judy Burkhart,
Secretary

Attachments: 4 pages



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

October 30, 1992

Judy Burkhardt
Mountain States Petroleum Corporation
P. O. Box 1936
Roswell, New Mexico 88202

Dear Ms. Burkhardt:

Re: Hondo Oil & Gas Co. to Mountain States Petroleum Corporation.

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

A handwritten signature in cursive script that reads "Lisha Romero".

Lisha Romero
Administrative Analyst

cc: Dept. of Commerce
D.T. Staley
R.J. Firth
Operator File(s)
Correspondence File/lde

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEN	7-LCM
2-DTS	
3-VLC	
4-RJF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 2-1-92)

TO (new operator) MOUNTAIN STATES PETRO CORP
 (address) PO BOX 1936
ROSWELL NM 88202
JUDY BURKHART
 phone (505) 623-7184
 account no. N 9500

FROM (former operator) HONDO OIL & GAS COMPANY
 (address) PO BOX 2208
ROSWELL NM 88202
REIDA HENRY
 phone (505) 625-6743
 account no. N 5025

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 8-6-92)
- Yes 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 8-6-92) (Rec'd 10-22-92) (Rec'd 10-29-92)
- Yes 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes no) ____ If yes, show company file number: ____ (Letter mailed 10-30-92)
- Yes 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (10-30-92)
- Yes 6. Cardex file has been updated for each well listed above. (10-30-92)
- Yes 7. Well file labels have been updated for each well listed above. (10-30-92)
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (10-30-92)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 11-7-92 1992. If yes, division response was made by letter dated 11-7-92 1992.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 11-7-92 1992, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- Yes RWM 1. All attachments to this form have been microfilmed. Date: Mar 3 1992.

FILING

- Yes 1. Copies of all attachments to this form have been filed in each well file.
- Yes 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

921029 Btm / moab "Handled thru Btm / N.m." (see BIA Approval)

BUREAU OF LAND MANAGEMENT

1-149-IND-7180

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

OIL WELL ☐ GAS WELL ☒ OTHER

8. FARM OR LEASE NAME

English

2. NAME OF OPERATOR

Mountain States Petroleum Corporation

9. WELL NO.

#9

3. ADDRESS OF OPERATOR

Post Office Box 1936, Roswell, N.M. 88202-1936

10. FIELD AND POOL, OR WILDCAT

Boundary Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface

11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA

SW/4NE/4 Sec. 16

Sec. 16-43S-22E

14. PERMIT NO.

43-037-15918

15. ELEVATIONS (Show whether DT, RT, OR, etc.)

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Continue to Shut-in

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Request permission to allow this well to remain shut in until a favorable economic situation occurs relative to the sale of gas.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE President

DATE 2/2/93

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

FEB 05 1993

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MOUNTAIN STATES PETROLEUM CORPORATION

213 EAST FOURTH STREET
ROSWELL, NEW MEXICO
88201

February 2, 1993

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

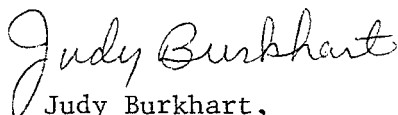
Re: Annual Status Report of Shut-in wells

Gentlemen:

Please find enclosed duplicate copies of Sundry Notices this company filed with the Bureau of Land Management relative to our Utah shut-in wells.

These copies are furnished as Annual Status Reports per Utah Admin. R. 649-8-10. If you are in need of anything further in this matter please contact the undersigned. Thank you.

Sincerely,



Judy Burkhart,
Secretary

Enclosures

RECEIVED

FEB 05 1993

DIVISION OF
OIL GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

Change of Operator (Well Sold)

X - Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/1/2008

FROM: (Old Operator): N9500-Mountain States Petroleum Corp 3001 Knox St. Suite 403 Dallas, TX 75205 Phone: 1 (214) 389-9800	TO: (New Operator): N3495-Nacogdoches Oil & Gas, Inc PO Box 632418 Nacogdoches, TX 75963-2418 Phone: 1 (936) 560-4747
--	---

CA No.				Unit:				
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/9/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/9/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 12/5/2007
- Is the new operator registered in the State of Utah: Business Number: 6757345-0143
- (R649-9-2)Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: notified 6/10/08
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/10/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/10/2008
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: n/a
- Indian well(s) covered by Bond Number: 301

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

I-149-IND-7180

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Navajo Nation

7. UNIT or CA AGREEMENT NAME:

None

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☒

OTHER

8. WELL NAME and NUMBER:

See attached

2. NAME OF OPERATOR:

NACOGDOCHES OIL & GAS, INC.

N 3495

9. API NUMBER:

See attach

3. ADDRESS OF OPERATOR:

PO BOX 632418

CITY NACOGDOCHES

STATE TX

ZIP 75963-2418

PHONE NUMBER:

(936) 560-4747

10. FIELD AND POOL, OR WILDCAT:

Boundary Butte

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>1/1/2008</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER:
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

SELLER:

effective 1/1/2008

Company: Mountain States Petroleum Corp

Address: 3001 Knox ST, Suite 403

Dallas, TX 75205

Phone: (214) 389-9800

N9500

Signature:

Kir Chambers, Vice President

BIA BOND = 301

NAME (PLEASE PRINT)

Donna Finley

TITLE

Secretary/Treasurer

SIGNATURE

Donna Finley

DATE

4/23/2008

(This space for State use only)

APPROVED

6/10/2008

Earlene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

(5/2000)

RECEIVED

MAY 09 2008

DIV. OF OIL, GAS & MINING

FORM 9 Attachment

API Well Number	Current Operator	New Operator	Well Name	Well Status	Well Type	Qtr/Qtr	Section	Township-Range	FNL/FSL	FEL/FWL
43-037-15911	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 1	Producing	Gas Well	NENW	22	43S-22E	660 N	1980 W
43-037-15915	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 6	Shut-In	Gas Well	SENE	16	43S-22E	2310 N	330 E
43-037-15916	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 7	Shut-In	Gas Well	NENW	16	43S-22E	330 N	1650 W
43-037-15918	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 9	Shut-In	Gas Well	SWNE	16	43S-22E	2310 N	1650 E
43-037-15919	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 10	Producing	Gas Well	SENE	21	43S-22E	1880 N	760 E
43-037-15920	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 11	Shut-In	Gas Well	NENW	26	43S-22E	560 N	1980 W
43-037-20070	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 12	Producing	Oil Well	SENE	21	43S-22E	1550 N	660 E
43-037-20104	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 13	Shut-In	Oil Well	NENE	21	43S-22E	450 N	940 E
43-037-20105	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 14	Shut-In	Oil Well	NWNW	22	43S-22E	1100 N	500 W
43-037-20148	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 16	Shut-In	Oil Well	NWNW	22	43S-22E	400 N	580 W
43-037-20150	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 15	Shut-In	Oil Well	SWSE	16	43S-22E	810 S	1350 E
43-037-20175	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 17	Shut-In	Oil Well	SWNE	21	43S-22E	1400 N	1700 E
43-037-20182	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 19	Shut-In	Oil Well	NWNE	21	43S-22E	150 N	1750 E
43-037-20185	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 20	Shut-In	Oil Well	SENE	21	43S-22E	2350 N	660 E
43-037-20187	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 21	Shut-In	Oil Well	SWSE	16	43S-22E	710 S	2580 E
43-037-20195	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 23	Shut-In	Oil Well	NWSE	16	43S-22E	1600 S	1920 E
43-037-20217	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 25	Shut-In	Oil Well	NESW	16	43S-22E	1480 S	2400 W
43-037-20235	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 27	Producing	Oil Well	SWNW	22	43S-22E	1970 N	180 W
43-037-20239	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 28	Producing	Oil Well	SWNE	21	43S-22E	2040 N	1375 E
43-037-20254	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 29	Shut-In	Oil Well	NWSW	22	43S-22E	2600 S	180 W
43-037-20283	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 30	Producing	Oil Well	NWSW	22	43S-22E	2400 S	960 W
43-037-30021	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 34	Shut-In	Oil Well	SESE	16	43S-22E	250 S	850 E
43-037-30022	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 35	Shut-In	Oil Well	NESW	22	43S-22E	2100 S	1600 W
43-037-30027	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH WN 33	Producing	Oil Well	NENE	21	43S-22E	880 N	240 E
43-037-30805	Mountain States Petroleum Corp	Nacogdoches Oil & Gas, Inc	ENGLISH 37	Shut-In	Gas Well	SWSE	22	43S-22E	610 S	1940 E

RECEIVED

MAY 09 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
I-149-IND-7180

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
NAVAJO

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
ENGLISH 09

9. API NUMBER:
4303715918

10. FIELD AND POOL, OR WILDCAT:
Boundary Butte

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER _____

2. NAME OF OPERATOR:

Nacogdoches Oil & Gas Inc

3. ADDRESS OF OPERATOR:

P.O. Box 632418

CITY

Nacogdoches

STATE

TX

ZIP

75363

PHONE NUMBER:

(936) 560-4747

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2310 FNL 1650 FEL

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

16 43S 22E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

TYPE OF ACTION

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☒ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Nacogdoches will P&A the well as proposed in the attached procedure.

See attached BLM Approval

COPY SENT TO OPERATOR

Date: 1-23-2014

Initials: KS

NAME (PLEASE PRINT) Mike Allen

TITLE Agent

SIGNATURE

DATE

1/17/2014

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 1/21/2014

By: [Signature]

(See Instructions on Reverse Side)

Federal Approval Of This
Action Is Necessary

RECEIVED

JAN 20 2014

DIV. OF OIL, GAS & MINING

RECEIVED

RECEIVED

OCT 16 2013

OCT 28 2013

214

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

1. Type of Well ☒ Gas ☐ Oil ☐ Other

2. Name of Operator
Nacogdoches Oil & Gas Inc.

3. Address & Phone No. of Operator
PO Box 632418, Nacogdoches, TX 75363 936-560-4747

4. Location of Well, Footage, Sec., T, R, M
2310 FNL, 1650 FEL, Section 16, T43S, R22E

5. Lease Number
I-149-IND-7180

6. If Indian, All. or
Tribe Name
Navajo

7. Unit Agreement Name

8. Well Name & Number
English #09

9. API Well No.
43-037-15918

10. Field and Pool
Boundary Butte

11. County & State
San Juan, UT

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other

Change of Plans
New Construction
Non-Routine Fracturing
Water Shut off
Conversion to Injection

13. Describe Proposed or Completed Operations:

Nacogdoches Oil & Gas proposes to T&A the above well per the attached procedure. IF the well does not test then Nacogdoches will P&A the well as proposed in the attached procedure.



H₂S POTENTIAL EXIST

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Signed Taylor Mathews Title Controller Date October 16, 2013

(This space for Federal or State Office use)

APPROVED BY [Signature] Title PE Date OCT 31 2013

CONDITION OF APPROVAL, if any:

5 1/2" Csg, CR, CBL, CR, 2 Perfs.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Note BLM Changes
Call BLM (Farmer) : Utah DOG: Mining

OPERATOR

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 9 English

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

3. The following modifications to your plugging program are to be made:

- a) Place the Coconino plug from 1260' – 1160' inside and outside the 5 ½" casing.
- b) Place the Chinle/Surface plug from 371' to surface inside and outside the 5 ½" casing.
- c) You are required to have H2S monitoring equipment and personnel on location during plugging operations.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

PLUG AND ABANDONMENT PROCEDURE

October 14, 2013

English #9
Boundary Butte

2310' FNL, 1650' FEL, Section 16, T43S, R22E, San Juan County, Utah
API 30-039-15918 / Long _____ / Lat: _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Comply with all NMOC, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
2. Rods: Yes _____, No X, Unknown _____.
Tubing: Yes X, No _____, Unknown _____, Size 2", Length 4433'
Packer: Yes _____, No X, Unknown _____, Type _____.

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate. Note: LD 2" tubing and PU workstring. Round trip 5.5" gauge ring or casing scraper to 4092' or as deep as possible.

NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.

3. Plug #1 (Ismay perforations and top, 4092' - 3992'): TIH and set 5.5" CR at 4092'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 800#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 17 sxs Class B cement and spot a balanced plug inside the casing above the CR to isolate the Ismay interval. PUH.
4. Plug #2 (Hermosa top, 3330' - 3230'): Mix and pump 17 sxs Class B cement inside casing to cover the Hermosa top. TOH.
5. Plug #3 (~~DeChelly~~ ^{COCO MINO} top, 1770' - 1670'): Perforate 3 squeeze holes at 1770'. Attempt to establish rate if the casing pressure tested. Set 5.5" cement retainer at 1720'. Establish rate into squeeze holes. Mix and pump 47 sxs Class B cement, squeeze 30 sxs outside 5.5" casing and leave 17 sxs inside casing to cover the DeChelly top. TOH.
6. Plug #4 (Chinle top, 630' - 530'): Perforate 3 squeeze holes at 630'. Attempt to establish rate if the casing pressure tested. Set 5.5" cement retainer at 580'. Establish rate into squeeze holes. Mix and pump 47 sxs Class B cement, squeeze 30 sxs outside 5.5" casing and leave 17 sxs inside casing to cover the Chinle top. TOH and LD tubing.

Chinle/Surficial

7. Plug #5 (8-5/8" surface casing shoe, 371' - Surface): Perforate 3 squeeze holes at 371'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 1:15 sxs Class B cement and pump down the 5.5" casing to circulate good cement out bradenhead. Shut in well and WOC. *Chinle @ 100'*
8. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BEM stipulations.

English #9
Current

Boundary Butte

2310' FNL & 1650' FEL, Section 16, T-43-S, R-22-E, San Juan County, UT

Lat: N _____ / Long: W _____ / API #43-037-15918

Today's Date: 10/11/13
Spud: 1/23/57
Completed: 3/12/57
Elevation: 4959' GI

12-1/4" hole

8-5/8", 24#, H-40 Casing set @ 321'
Cmt with 200 sxs (Circulated to Surface)

Chino @ 580' 100'

Cocumino
DeChelly @ 1720' 1210'

2" tubing at 4433'

TOC at 2872' (Calc, 75%)

Hermosa @ 3280'

Ismay Perforations:
4142' - 4234'

Ismay @ 4298'

Ismay Perforations:
4298' - 4315'
Set CR at 4256' and squeeze
perforations with 175 sxs (1960)

7-7/8" hole

5-1/2" 14#/ 15.5# J-55 Casing set @ 4405'
Cement with 300 sxs

TD 5020'
PBTD 4370'

English #9
Proposed P&A
 Boundary Butte

2310' FNL & 1650' FEL, Section 16, T-43-S, R-22-E, San Juan County, UT

Lat: N _____ / Long: W _____ / API #43-037-15918

Today's Date: 10/11/13
 Spud: 1/23/57
 Completed: 3/12/57
 Elevation: 4959' GI

12-1/4" hole

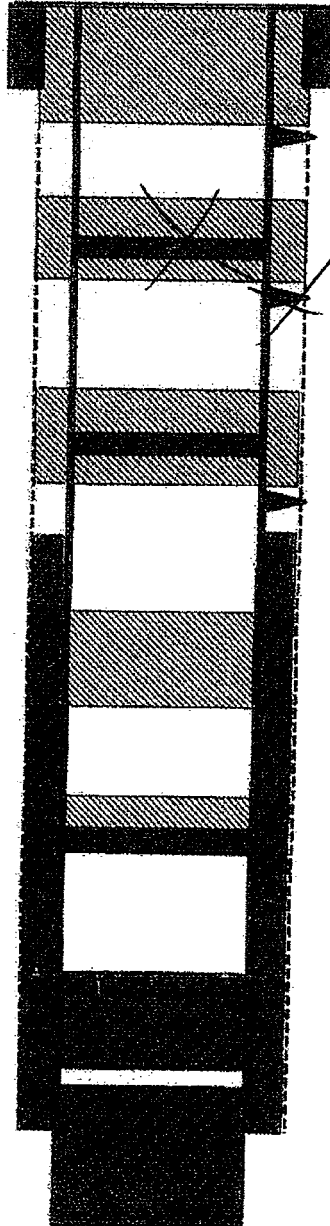
Chinle @ 580' *180'*

Coconino
 DeChelly @ 1720' *1210*

Hermosa @ 3280'

Ismay @ 4298'

7-7/8" hole



8-5/8", 24#, H-40 Casing set @ 321'
 Cmt with 200 sxs (Circulated to Surface)

Perforate @ 371' ✓

Plug #5: 371' - 0'
 Class B cement, 115 sxs

Set CR @ 580' *X*

Plug #4: 530' - 530'
 Class B cement, 47 sxs:
 30 outside and 17 inside

Perforate @ 530' *X*

Set CR @ 1720' *X*

Plug #3: 1770' - 1670'
 Class B cement, 47 sxs:
 30 outside and 17 inside

Perforate @ 1720' *1260*

TOC at 2872' (Calc, 75%)

Plug #2: 3330' - 3230'
 Class B cement, 17 sxs

Set CR @ 4092'

Plug #1: 4092' - 3992'
 Class B cement, 17 sxs

Ismay Perforations:
 4142' - 4234'

Ismay Perforations:
 4298' - 4315'
 Set CR at 4256' and squeeze
 perforations with 175 sxs (1960)

5-1/2" 14# 15.5# J-55 Casing set @ 4405'
 Cement with 300 sxs

TD 5020'
 PBTD 4370'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: I-149-IND-7180
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
2. NAME OF OPERATOR: NACOGDOCHES OIL & GAS, INC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1202 Lakeway Drive, Suite 10 , Lakeway , TX, 78734		8. WELL NAME and NUMBER: ENGLISH 9
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2310 FNL 1650 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 16 Township: 43.0S Range: 22.0E Meridian: S		9. API NUMBER: 43037159180000
PHONE NUMBER: 936 560-4747 Ext		9. FIELD and POOL or WILDCAT: BOUNDARY BUTTE
COUNTY: SAN JUAN		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/6/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input checked="" type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached plugging procedure.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 22, 2014		
NAME (PLEASE PRINT) Taylor Mathews	PHONE NUMBER 936 560-4747	TITLE President
SIGNATURE N/A	DATE 10/22/2014	

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 *fax: 505-325-1211

Nacogdoches Oil & Gas Inc.

English #9

February 6, 2014

Page 1 of 2

2310' FNL and 1650' FEL, Section 16, T-43-S, R-22-E

San Juan County, UT

Lease Number: I-149-IND-7180

API #43-037-15918

Plug and Abandonment Report

Notified BLM and UDOGM on 1/30/14

Plug and Abandonment Summary:

- Plug #1** with CIBP at 4016' spot 24 sxs (28.32 cf) Class B cement with 2% CaCl inside casing from 4016' to 3810' to cover the Ismay interval. Tag TOC at 3843'.
- Plug #2** with 28 sxs (33.04 cf) Class B cement with 2% CaCl inside casing from 3330' to 3089' to cover the Hermosa top. Tag TOC at 3141'.
- Plug #3** with CR at 1214' spot 54 sxs (63.72 cf) Class B cement 1) pumped 36 sxs below CR at 1214' with 6 sxs in 5.5" casing and 30 sxs in annulus 2) sting out CR and leave 18 sxs from 1214' to 1059' to cover the Coconino top. Tag TOC at 1052'.
- Plug #4** with CR at 336' spot 130 sxs 1) pump 67 sxs cement below CR to circulate good cement out bradenhead valve 2) open 5.5" casing valve and shut in bradenhead, sting out CR 3) pump 45 sxs to circulate good cement out casing valve 4) TOH and LD all tubing and CR setting tool, RU pump to 5.5" casing valve and open bradenhead valve 5) pump 18 sxs to re-fill 5.5" casing and circulate good cement out bradenhead valve again to cover the 8-5/8" casing shoe, Chinle top and surface.

Plugging Work Details:

- 1/30/14 Rode pumping equipment to location. Safety meeting with S. Wilkerson, ABC Safety. Clear nearby canyon of all personnel. RU Don Air works unit. Install valves in tubing and casing. RU pump to tubing and open tubing valves (700#). Pump 20 gallon scavenger and 1 bbl fresh down tubing SI tubing with 450 PSI. RU pump to casing and open valves (50 PSI) pump 35 gallon scavenger and 1.5 bbl fresh SI casing with 0 PSI. RD pumping equipment. SDFD.
- 1/31/14 Rode rig and equipment to location. Secure location entrance. Check well pressures: SITP 825 PSI, SICP 5 PSI and SIBHP on vacuum. No H2S monitored. RU relief line and blow well down. No H2S monitored. SI well. Spot in and RU. Check well pressures: SITP 150 PSI and SICP 0 PSI blow tubing down to pit. RU pump to tubing and pump 15 bbls. ND wellhead. PU on tubing string was landed in wellhead at 10,000 PSI, remove flange at 30,000 PSI. Strip on. NU and function test McGuire's 5000# BOP. RU workfloor and work packer free pulled up to 40,000# and RH torque. Free point at 18,000#, dragging up hole at 30,000#. POH LD 3 jnts tubing. SI well. SDFD.
- 2/3/14 Check well pressures: SICP 0 PSI, SIBHP 3 PSI and no H2S monitored. Note: Tom Fox, Nacogdoches, request to not pull packer Approved by D. Benally, NN BLM and S. Mason, BLM to cut tubing above packer. Attempt to work tubing down hole, able to work tubing down 5' then stacks out, pull back up 5' dragging at 25,000#. RU A-Plus Wireline. RIH with 1-11/16" GR, unable to pass 4022', collar log while POH - no packer found above 4022'. Note: D. Benally, NN BLM and S. Mason BLM approved procedure change. RIH with 1-11/16" Jet cutter to 4018', pump 16 bbl down tubing and cut tubing at 4018'. TOH and LD 150 jnts 2-3/8" tubing, 3 jnts LD 1-31-14 total 4118.98'. Wireline roundtrip with 5-1/2" GR to 4018' RIH and set 5-1/2" PW CIBP at 4016'. SI well. SDFD.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 *fax: 505-325-1211

Nacogdoches Oil & Gas Inc.
English #9

February 6, 2014
Page 2 of 2

Plugging Work Details (continued):

- 2/4/14 Check well pressures: SICP and SIBHP 4 PSI, no H₂S monitored. PU plugging sub. PU and TIH 129 jnts A-Plus 2-3/8" workstring tag CIBP 4016'. Establish circulation out casing and bradenhead valves. SI bradenhead and pump 130 bbls, returns not cleaned up. Spot plug #1 with calculated TOC at 3810'. TOH and LD tubing to TOC. SB remaining tubing and LD plugging sub. Wireline ran CBL from 3650' to surface. Good cement in annulus up to 3280', multiple bridges throughout well. TIH and tag TOC at 3843'. SI well. SDFD.
- 2/5/14 Open up well; no pressures. Note: D. Benally, NN BLM and S. Mason, BLM approve to continue procedure as proposed. Circulate out casing and bradenhead valves, pump 15 bbls ahead total. Spot plug #2 with estimated TOC at 3089'. SI well. WOC. Tag TOC at 3141'. Circulate out bradenhead 5 bpm at 50 PSI. Wireline perforated 3 HSC squeeze holes at 1260'. TIH with 5.5" DHS CR and set at 1214'. Pump 1.5 bbls to establish circulation out casing and bradenhead valves. Sting into CR at 1214' and establish rate of 1.5 bpm at 700 PSI, pump 6 bbls below CR no circulation out casing and bradenhead. Spot plug #3 with CR at 1214' spot 54 sxs (63.72 cf) Class B cement 1) pumped 36 sxs below CR at 1214' with 6 sxs in 5.5" casing and 30 sxs in annulus 2) sting out CR and leave 18 sxs from 1214' to 1059' to cover the Coconino top. SI well. SDFD.
- 2/6/14 Open up well; no pressures. No H₂S monitored. Function test BOP. TIH and tag TOC at 1052'. Circulate out bradenhead valve. Red-dye circulated with 12 bbl hole in 5.5" casing 200'. Wireline perforate 3 HSC squeeze holes at 371'. TIH with 5.5" DHS CR and set at 336'. Establish circulation of 2 bpm at 400 PSI circulate out casing and bradenhead valves. SI casing 5.5" valve. Spot plug #4 with CR at 336' spot 130 sxs 1) pump 67 sxs cement below CR to circulate good cement out bradenhead valve 2) open 5.5" casing valve and shut in bradenhead, sting out CR 3) pump 45 sxs to circulate good cement out casing valve 4) TOH and LD all tubing and CR setting tool, RU pump to 5.5" casing valve and open bradenhead valve 5) pump 18 sxs to re-fill 5.5" casing and circulate good cement out bradenhead valve again to cover the 8-5/8" casing shoe, Chinle top and surface. RD. Dig out wellhead with backhoe. Write Hot Work Permit. Cut off wellhead. Cement at surface cut off point in 5.5" and 8-5/8" casings. Install P&A marker with no additional cement at N 37° 03' 03.1" / W 109° 30' 02.7". MOL.

Davis Benally, Navajo Nation BLM representative, was on location.
Larsen Nez, Navajo Nation BLM representative, was on location.
Seth Wilkerson, ABC Safety, was on location.

f